

Program EVALPLOT  
(Version 2021-1)

by

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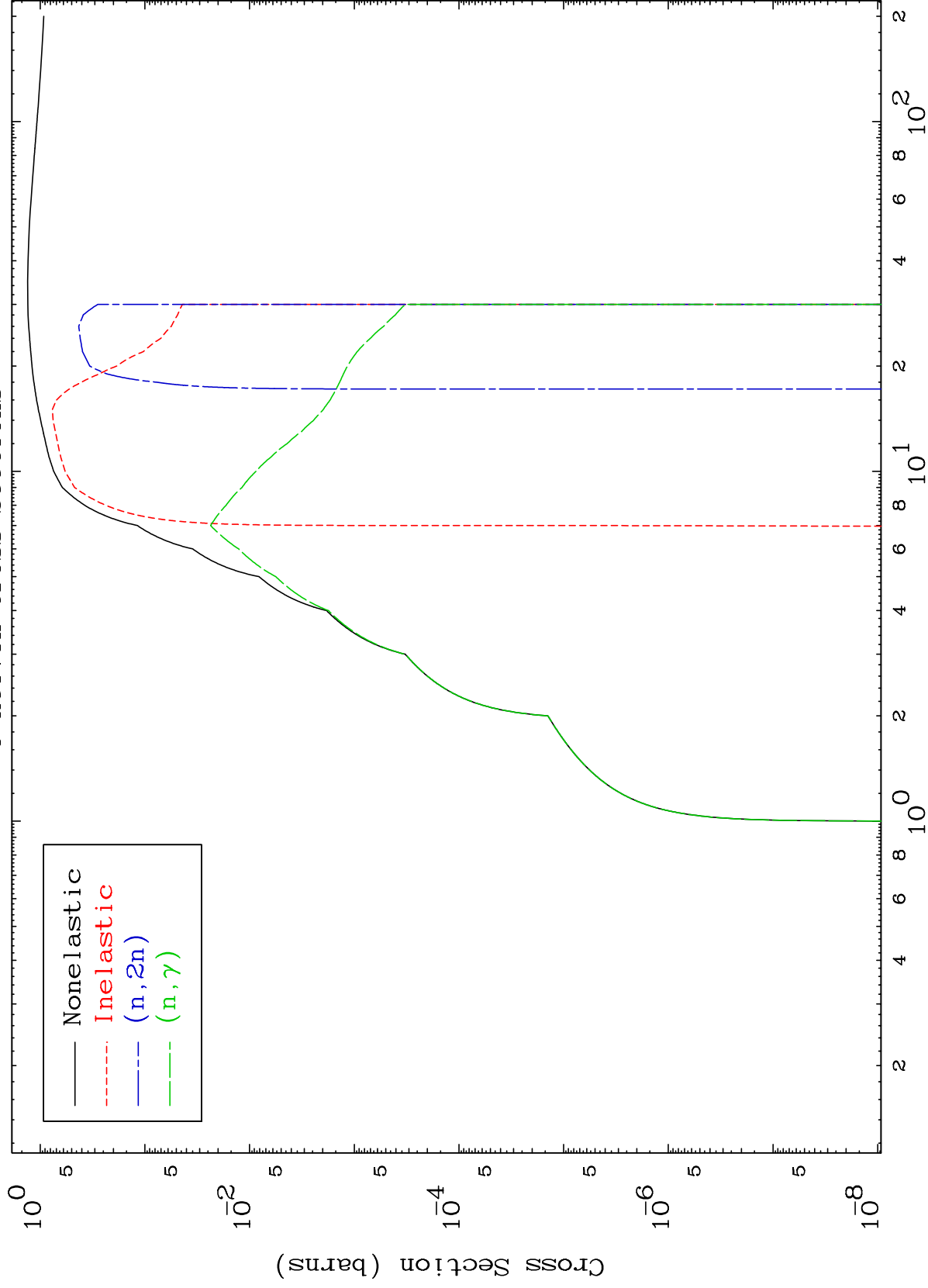
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4025

Proton Major  
0 Kelvin Cross Sections

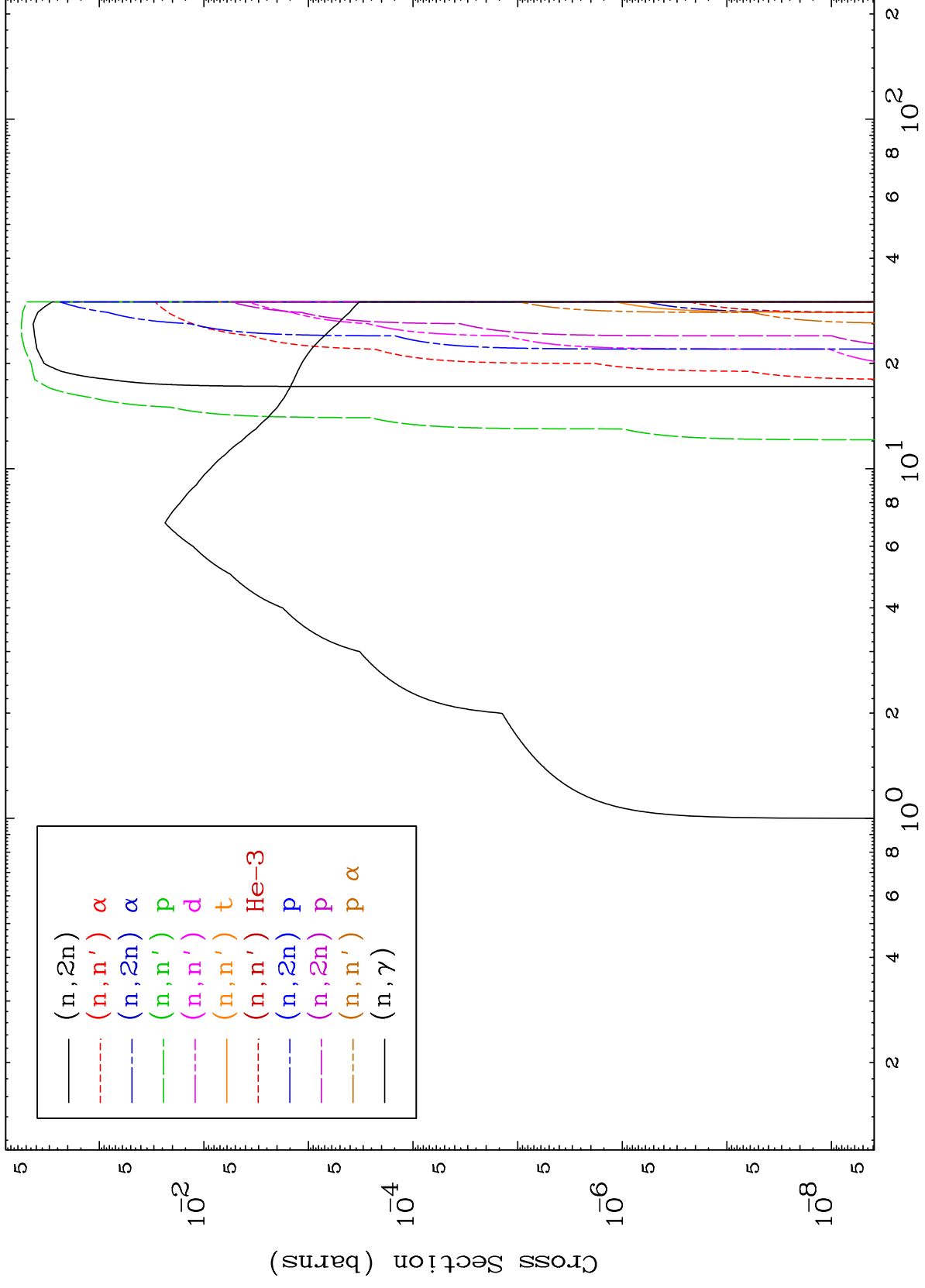
40-Zr-90



MAT 4025

Proton Neutron Absorption  
0 Kelvin Cross Sections

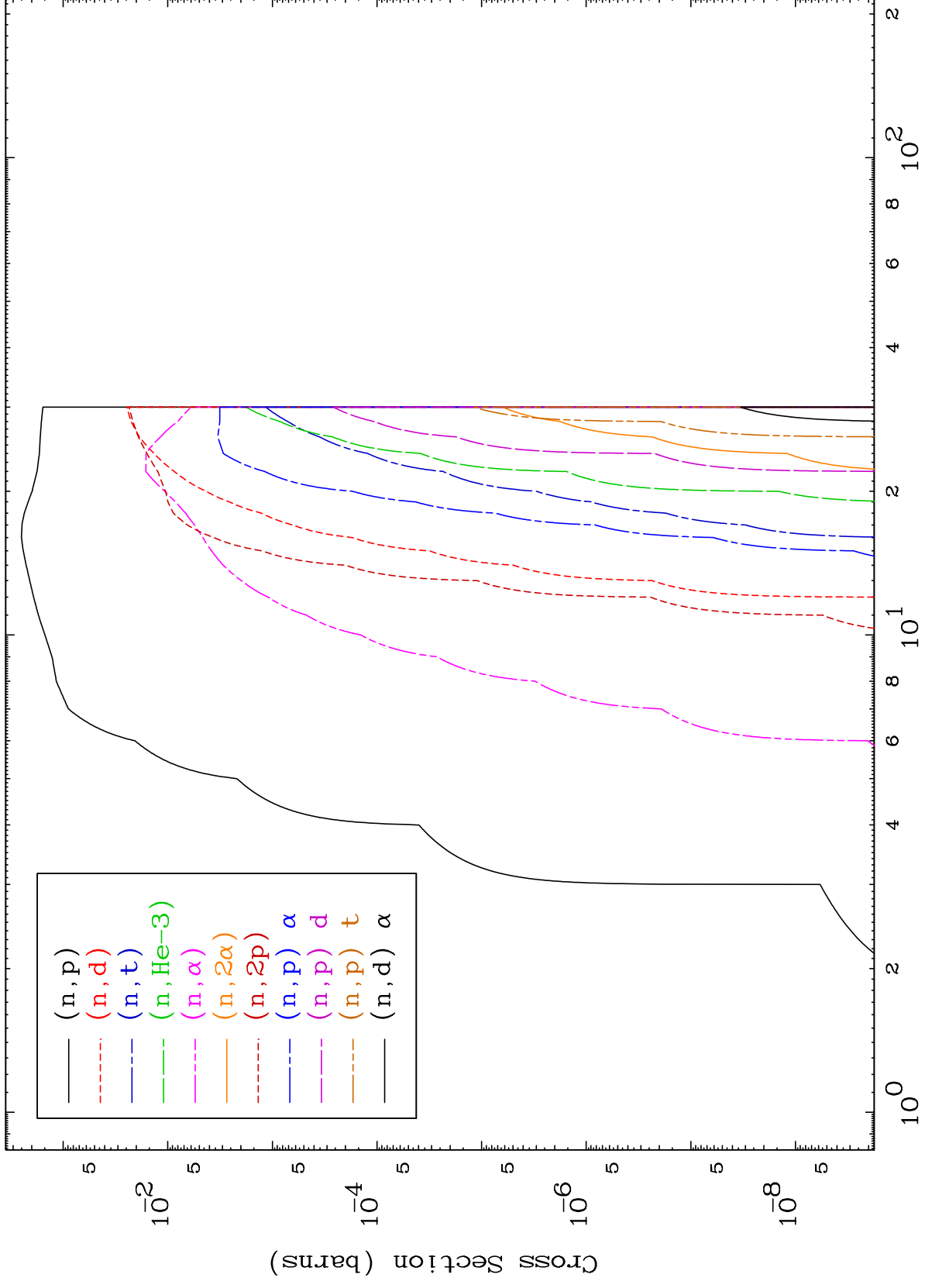
40-Zr-90



MAT 4025

Proton Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-90



3

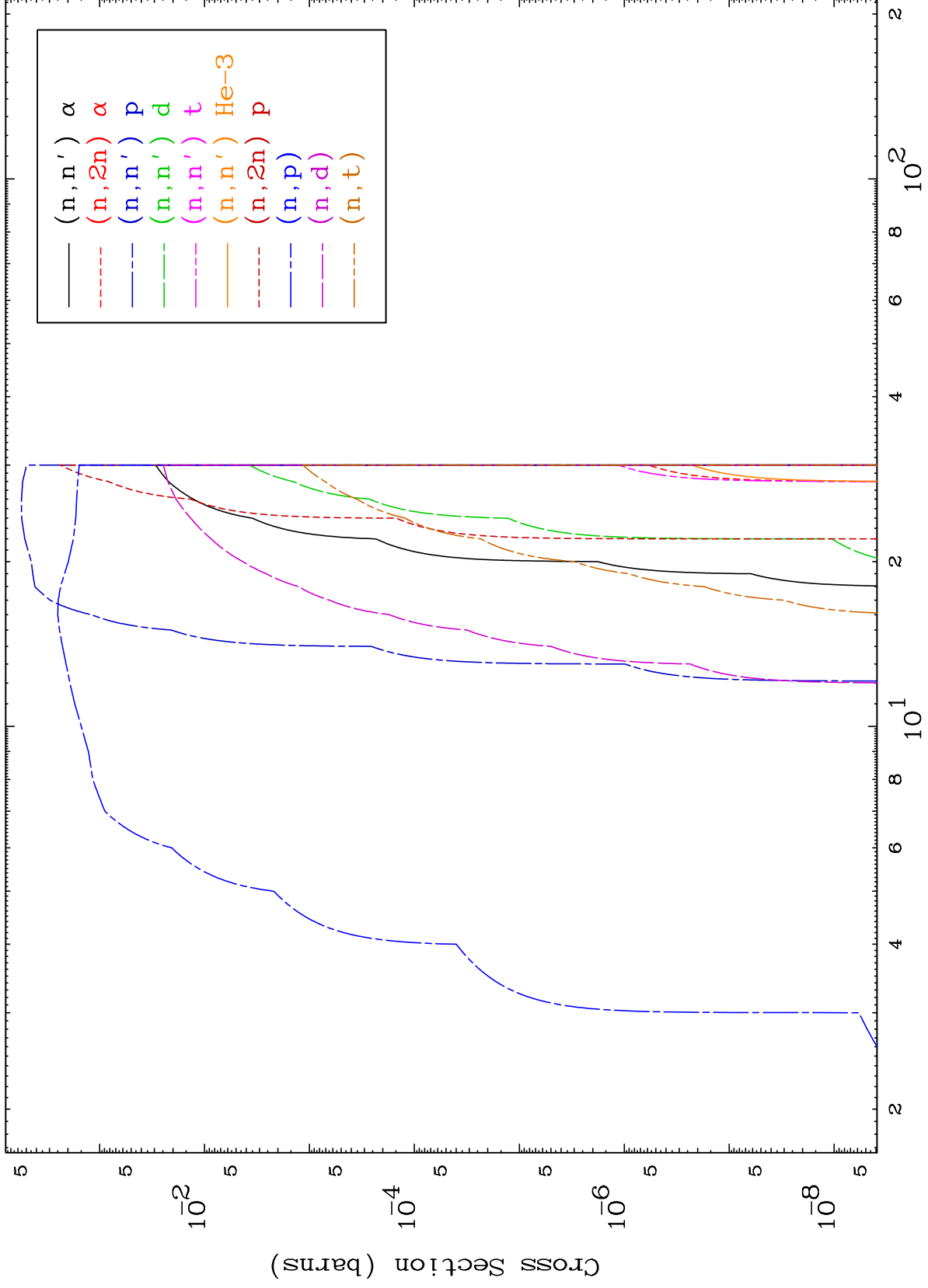
Incident Energy (MeV)

40-Zr-90

MAT 4025

Proton Charged Particle  
0 Kelvin Cross Sections

40-Zr-90



4

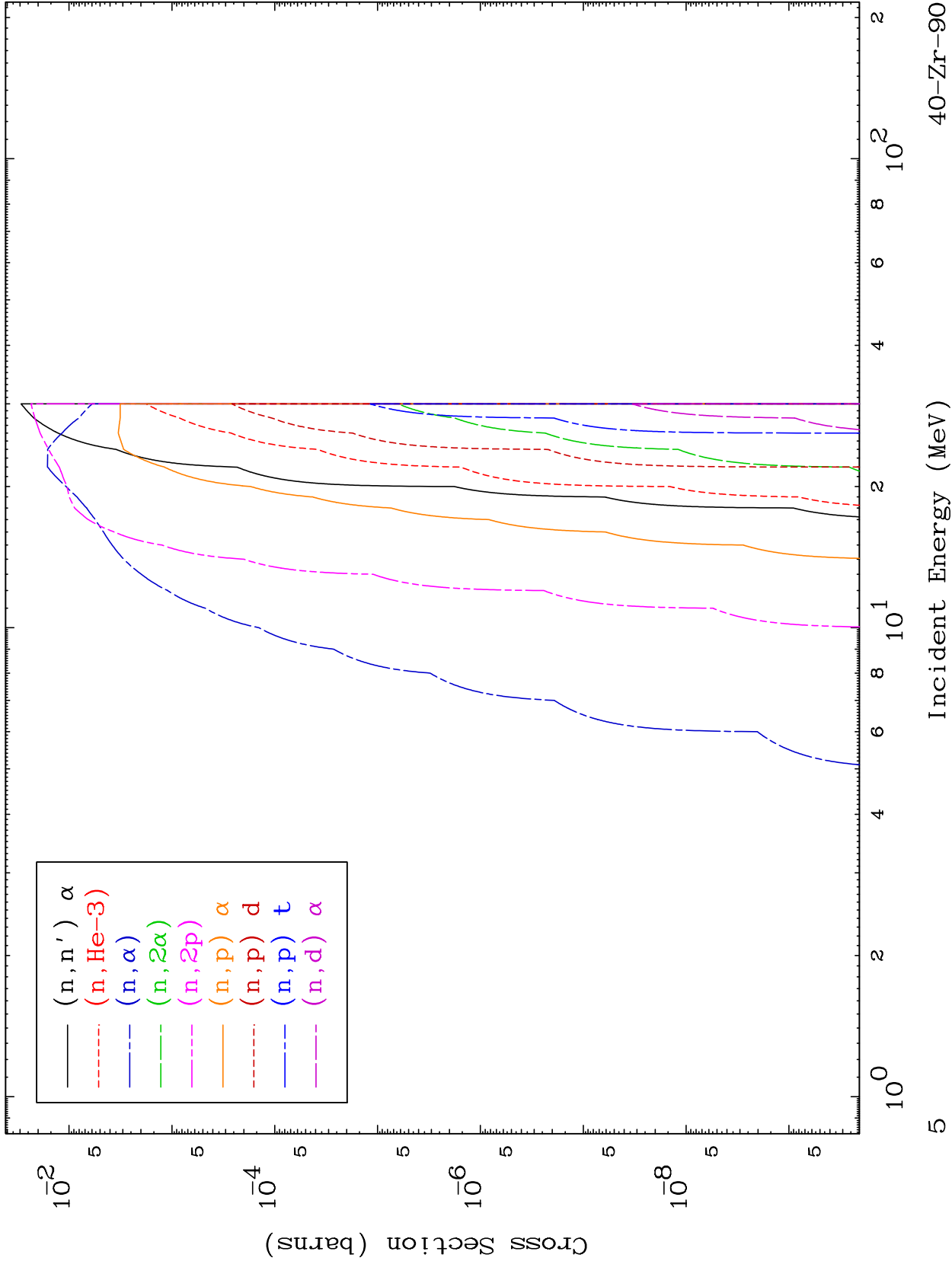
Incident Energy (MeV)

40-Zr-90

MAT 4025

Proton Charged Particle  
0 Kelvin Cross Sections

40-Zr-90



40-Zr-90

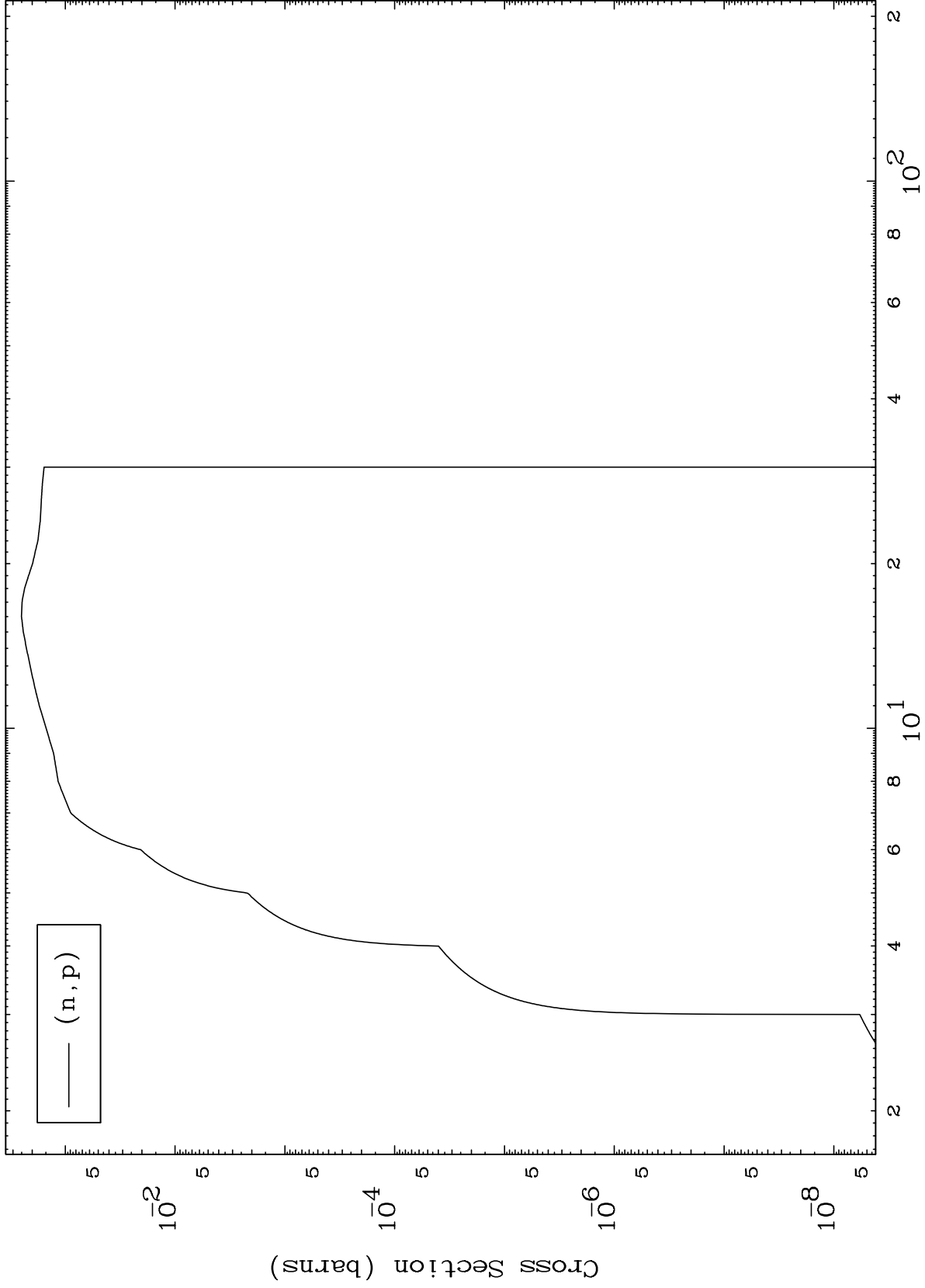
Incident Energy (MeV)

5

MAT 4025

(p,p) Levels  
0 Kelvin Cross Sections

40-Zr-90



6

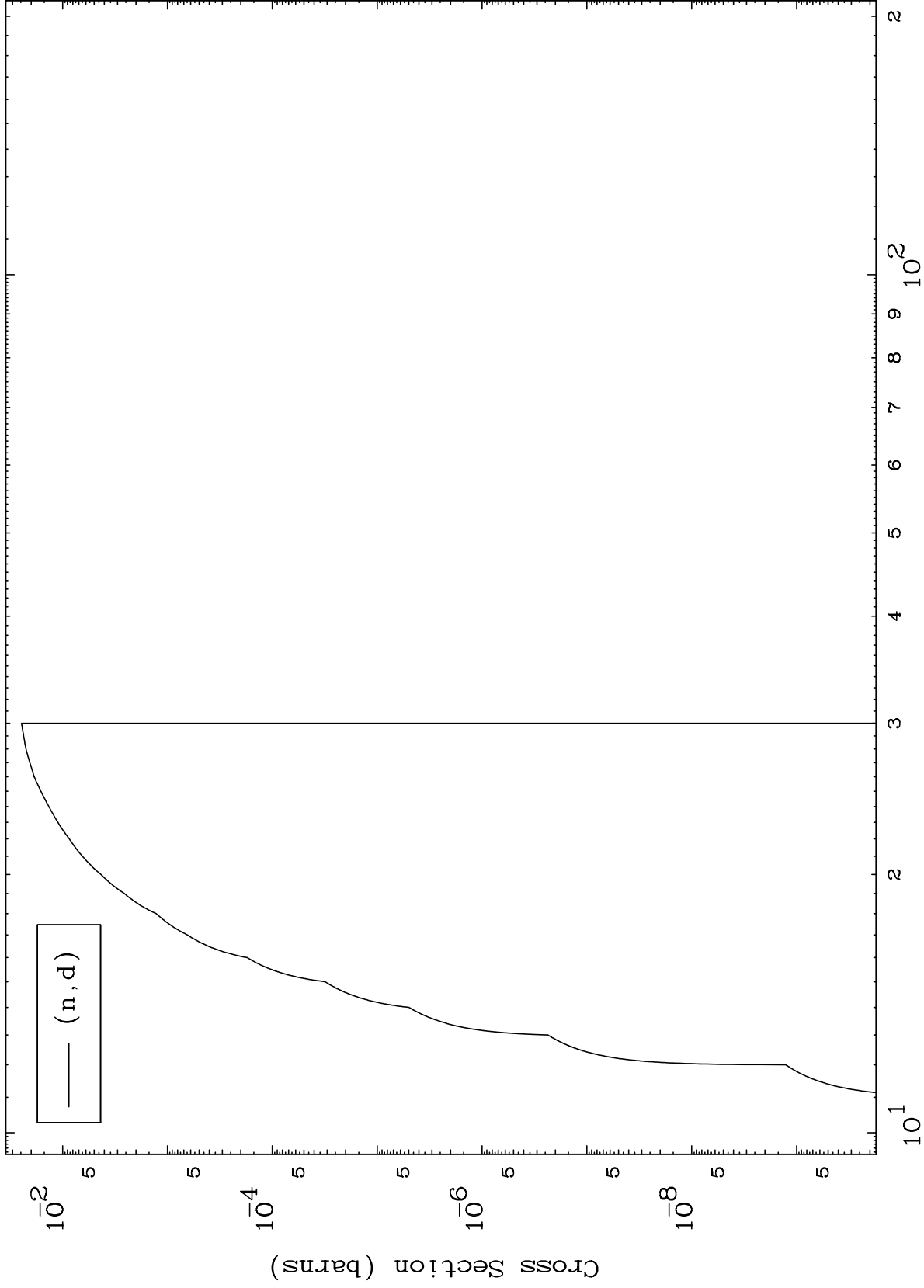
Incident Energy (MeV)

40-Zr-90

MAT 4025

(p,d) Levels  
0 Kelvin Cross Sections

40-Zr-90



Incident Energy (MeV)

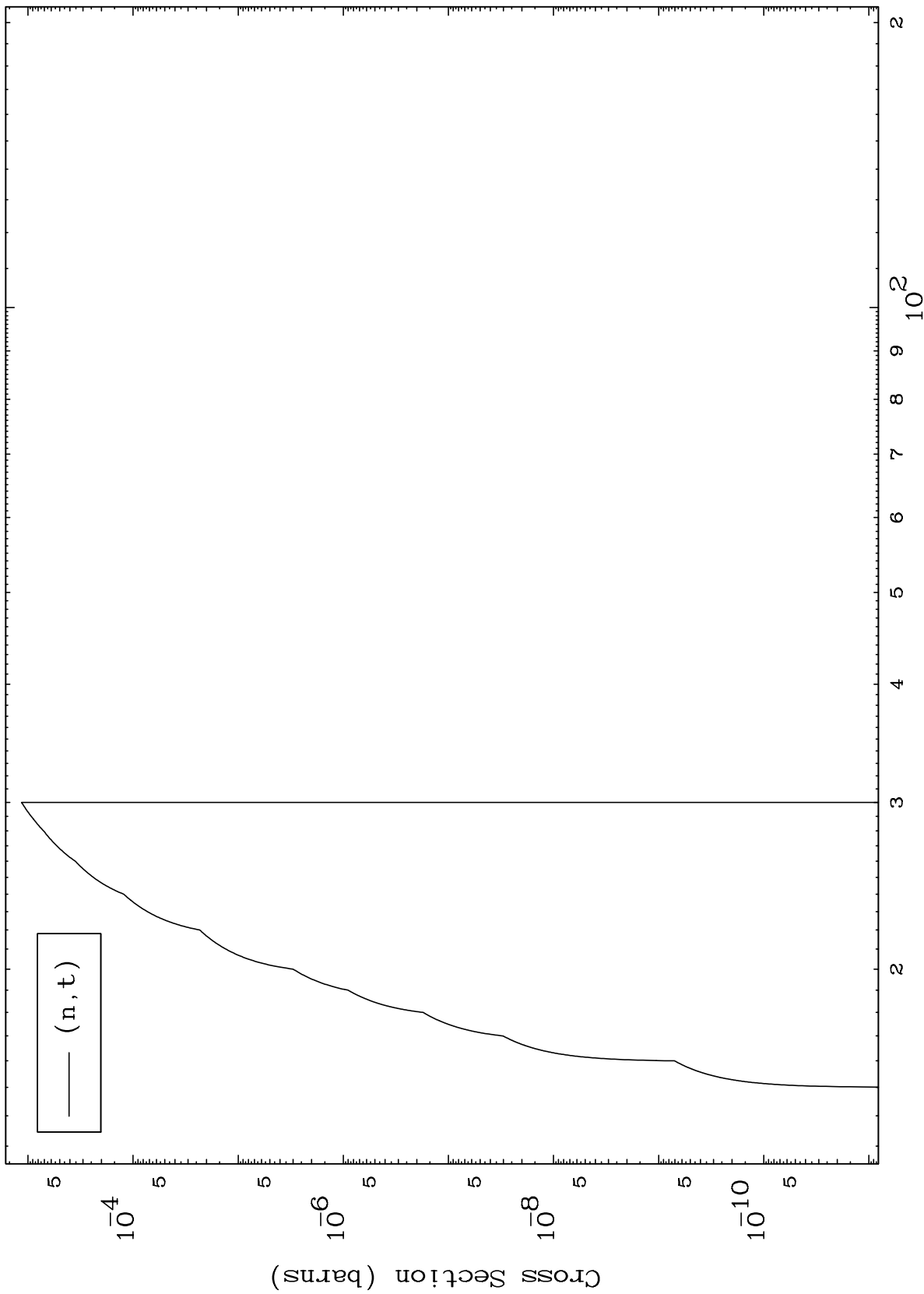
40-Zr-90



MAT 4025

40-Zr-90

(p,t) Levels  
0 Kelvin Cross Sections



40-Zr-90

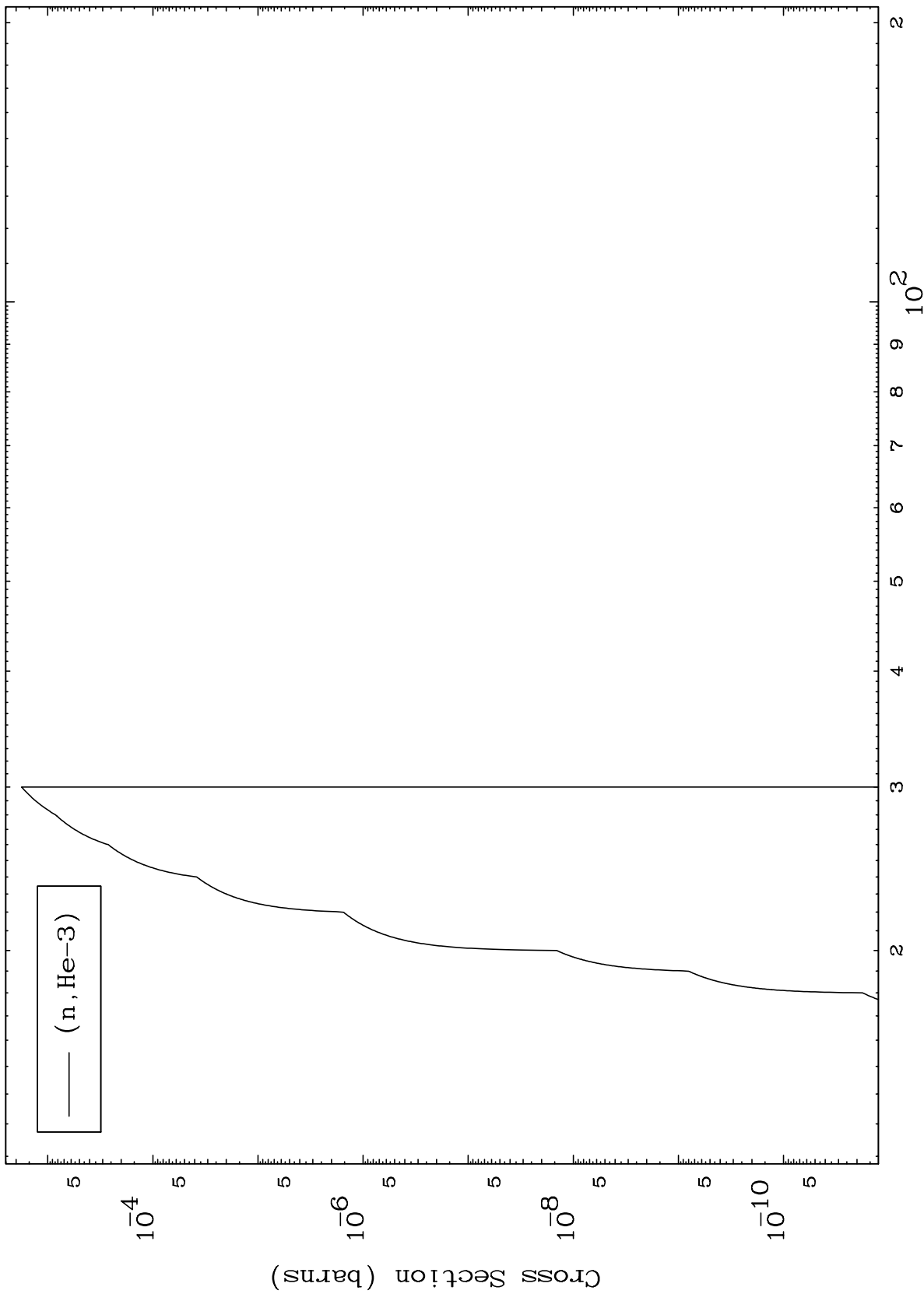
Incident Energy (MeV)

8

MAT 4025

40-Zr-90

(p,He3) Levels  
0 Kelvin Cross Sections

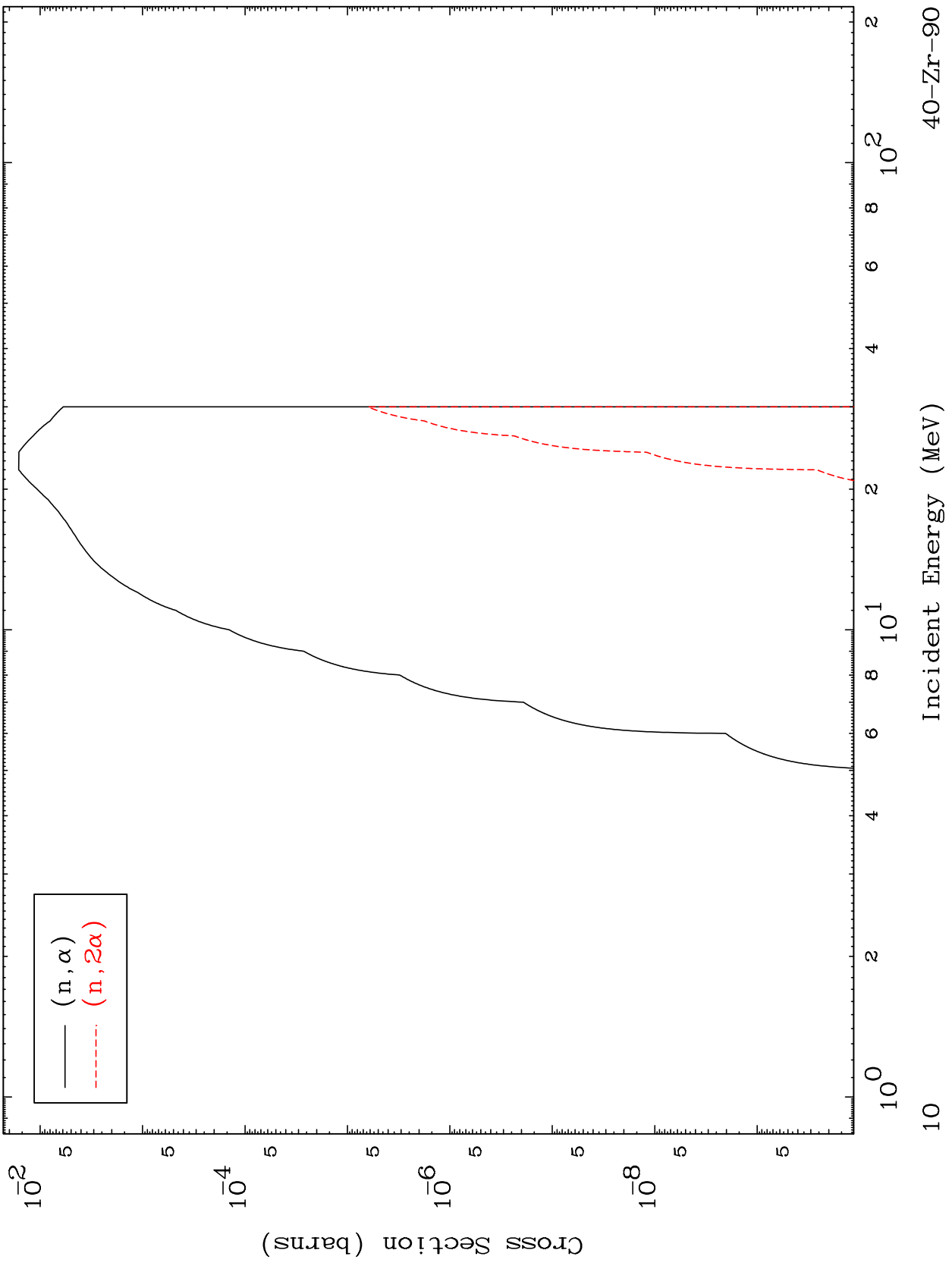


MAT 4025

(p,  $\alpha$ ) Levels

40-Zr-90

0 Kelvin Cross Sections



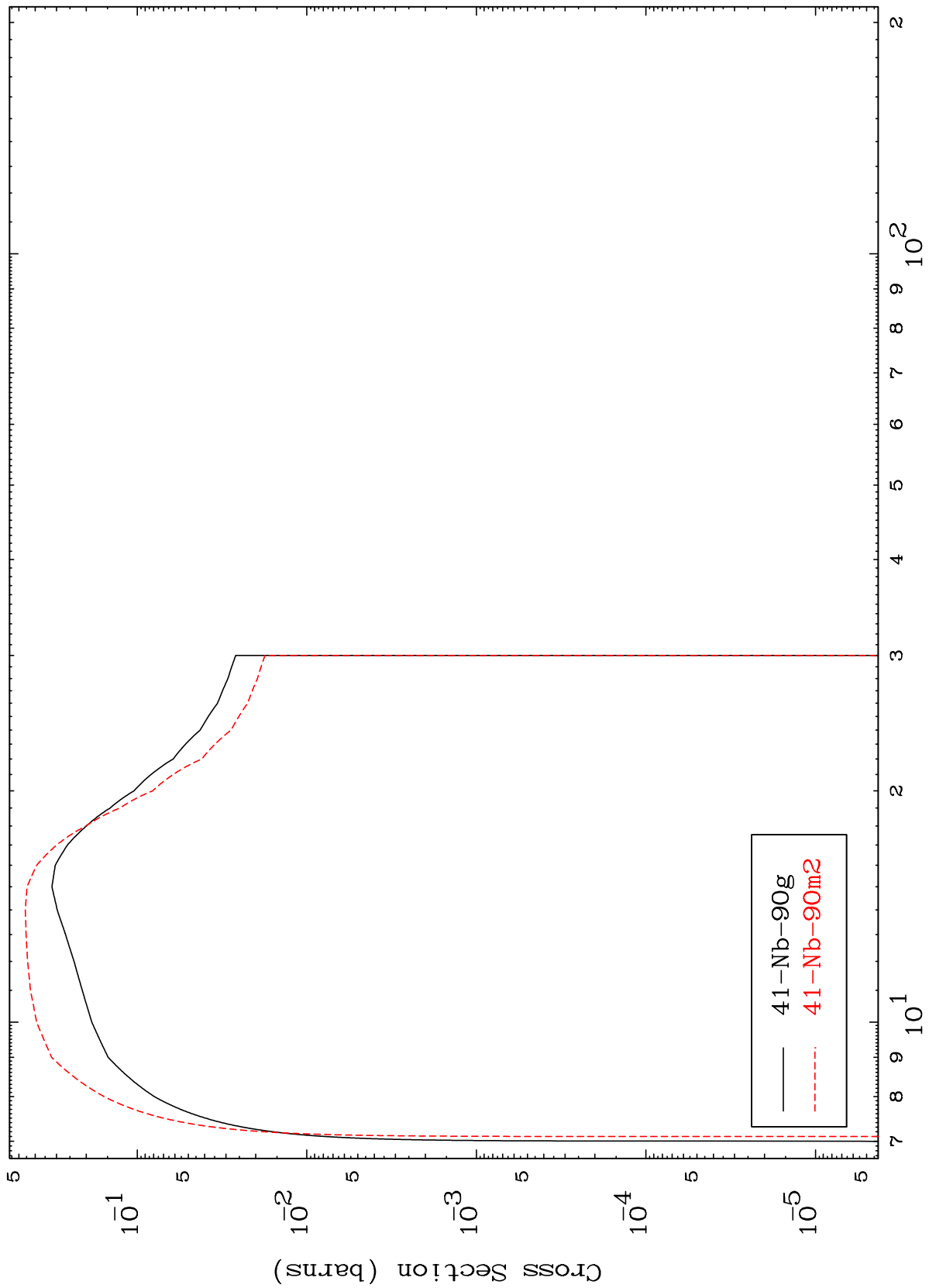
40-Zr-90

Incident Energy (MeV)

MAT 4025

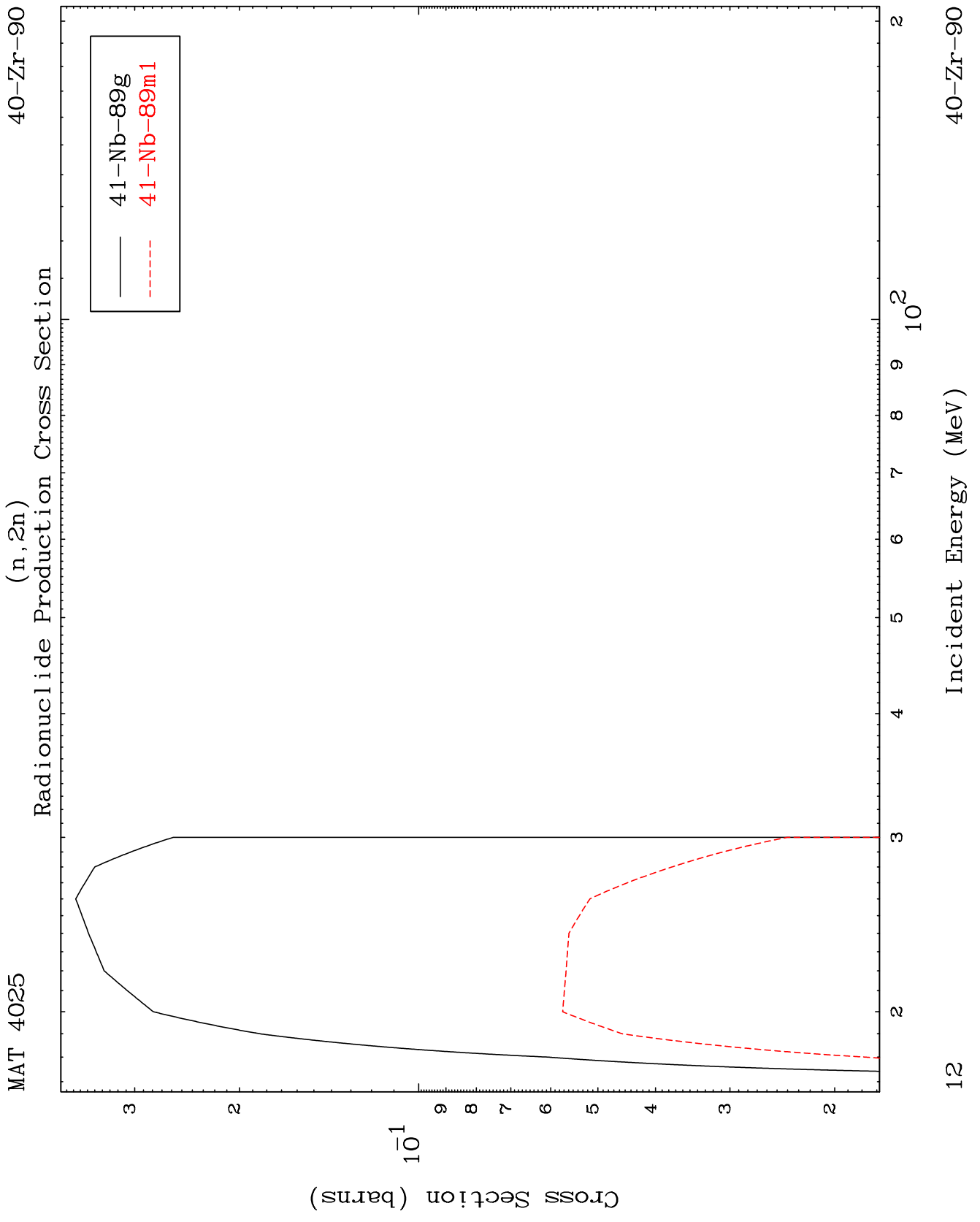
40-Zr-90

Inelastic  
Radionuclide Production Cross Section



40-Zr-90

Incident Energy (MeV)

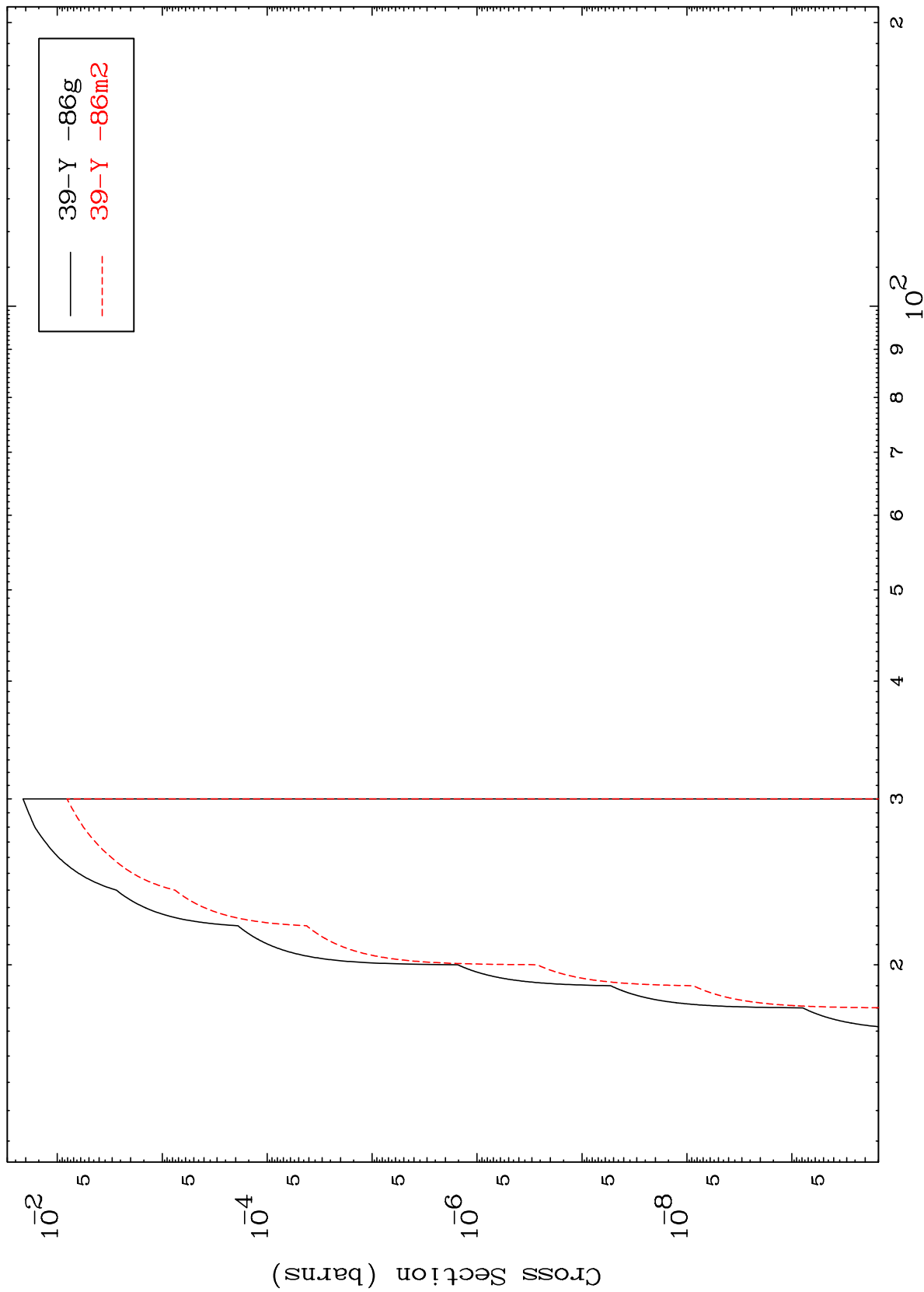


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$(n, n') \alpha$

40-Zr-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

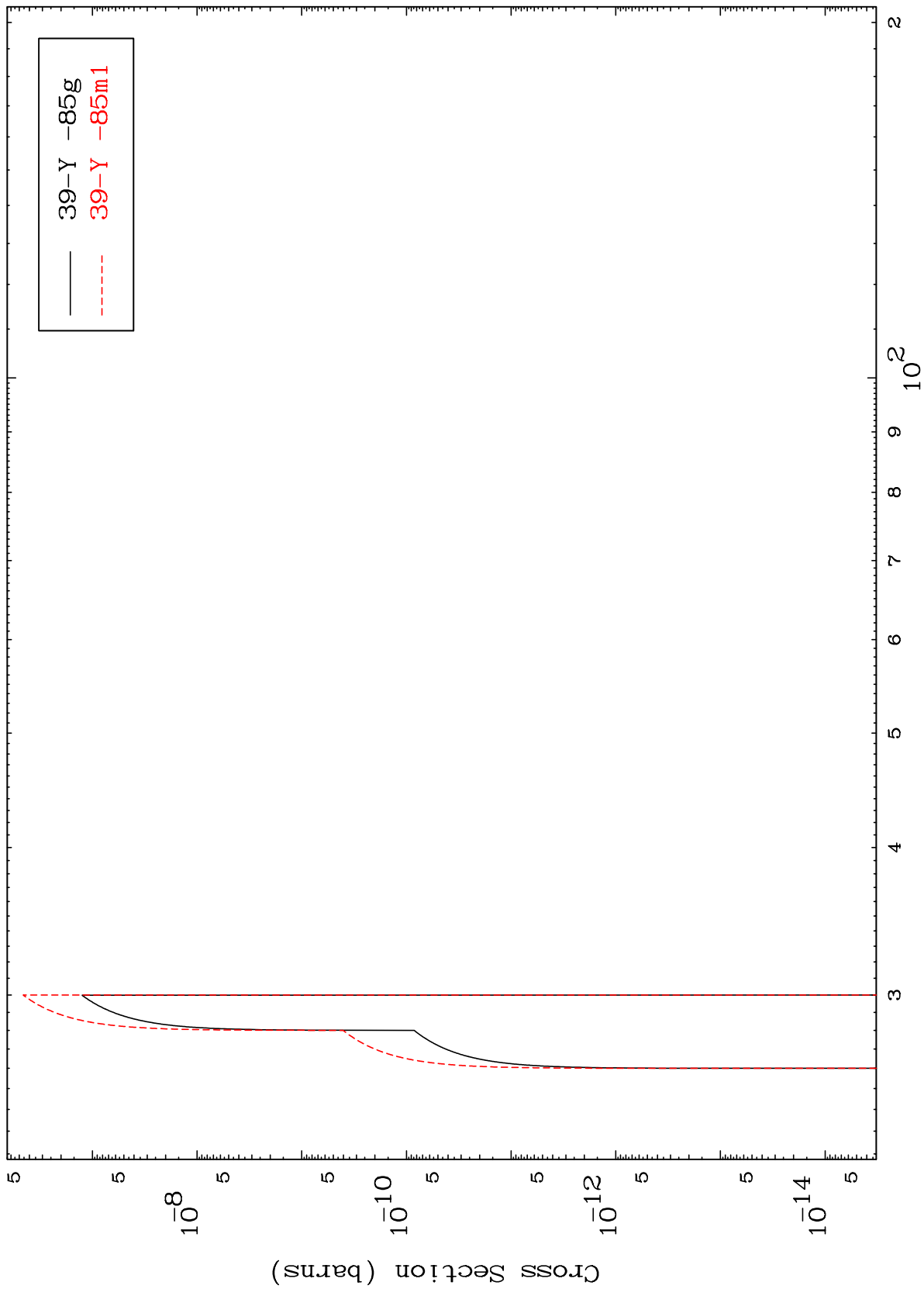
40-Zr-90

MAT 4025

(n,2n)  $\alpha$

40-Zr-90

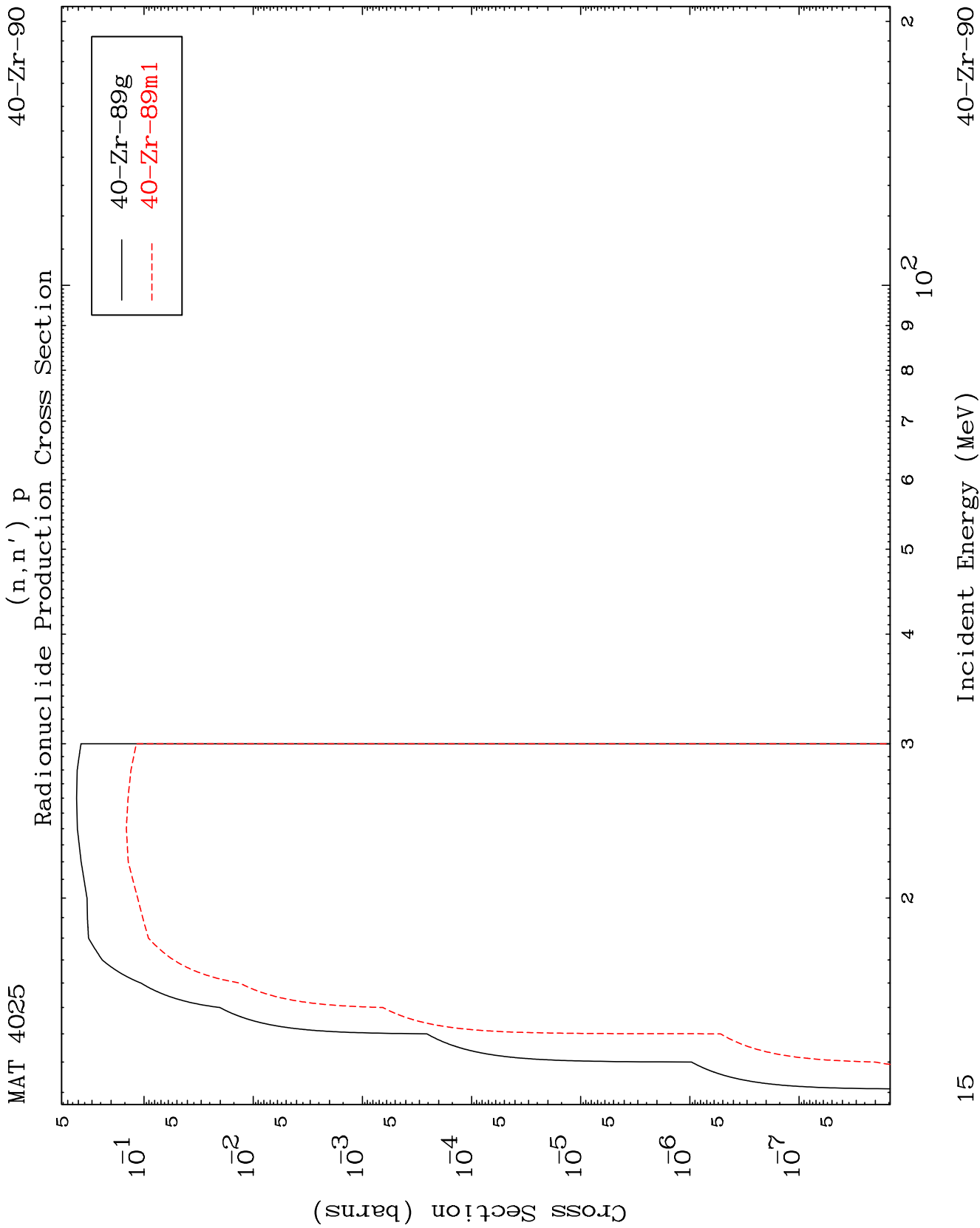
Radionuclide Production Cross Section



14

Incident Energy (MeV)

40-Zr-90



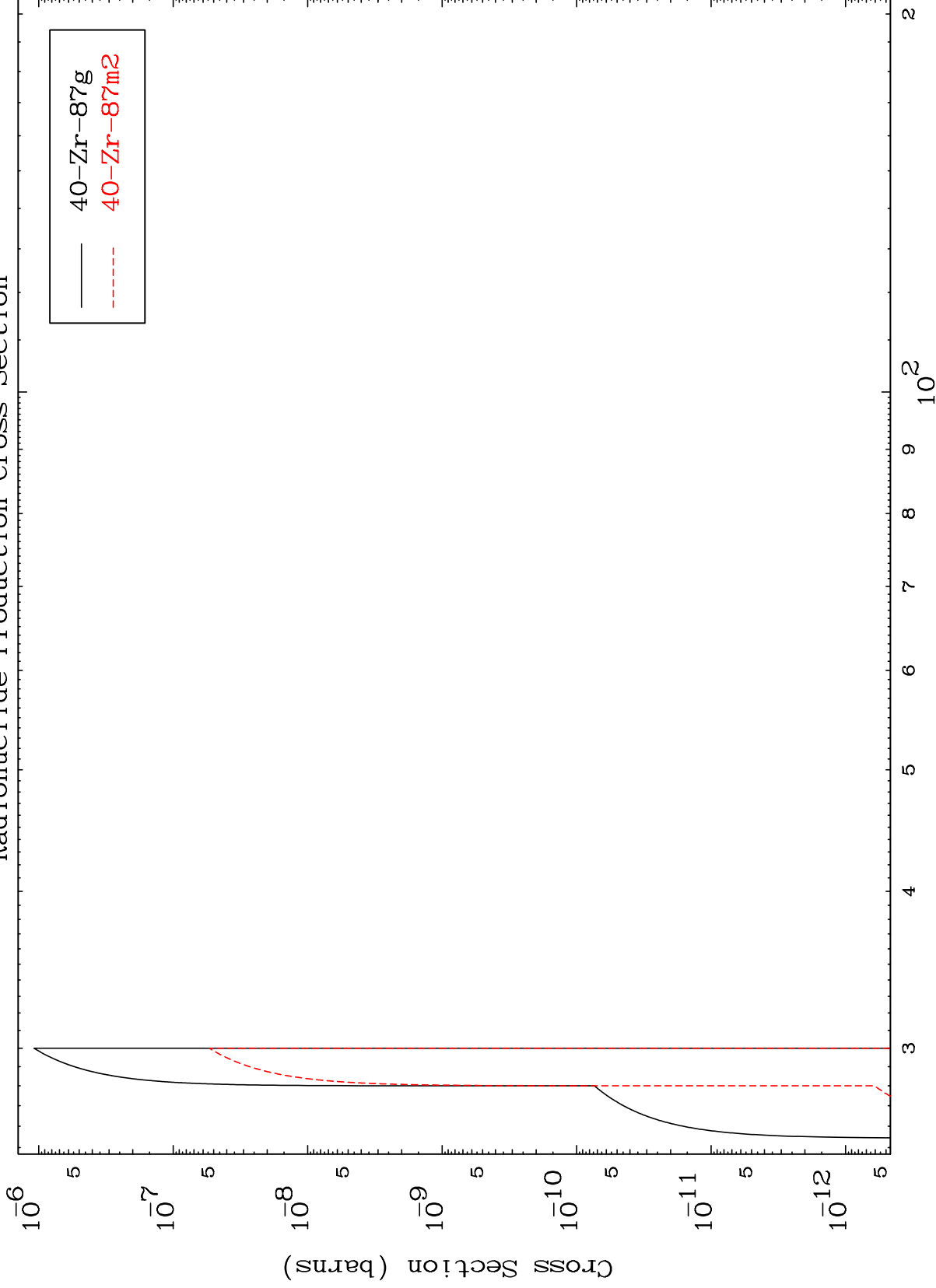


MAT 4025

(n,n') t

40-Zr-90

Radionuclide Production Cross Section

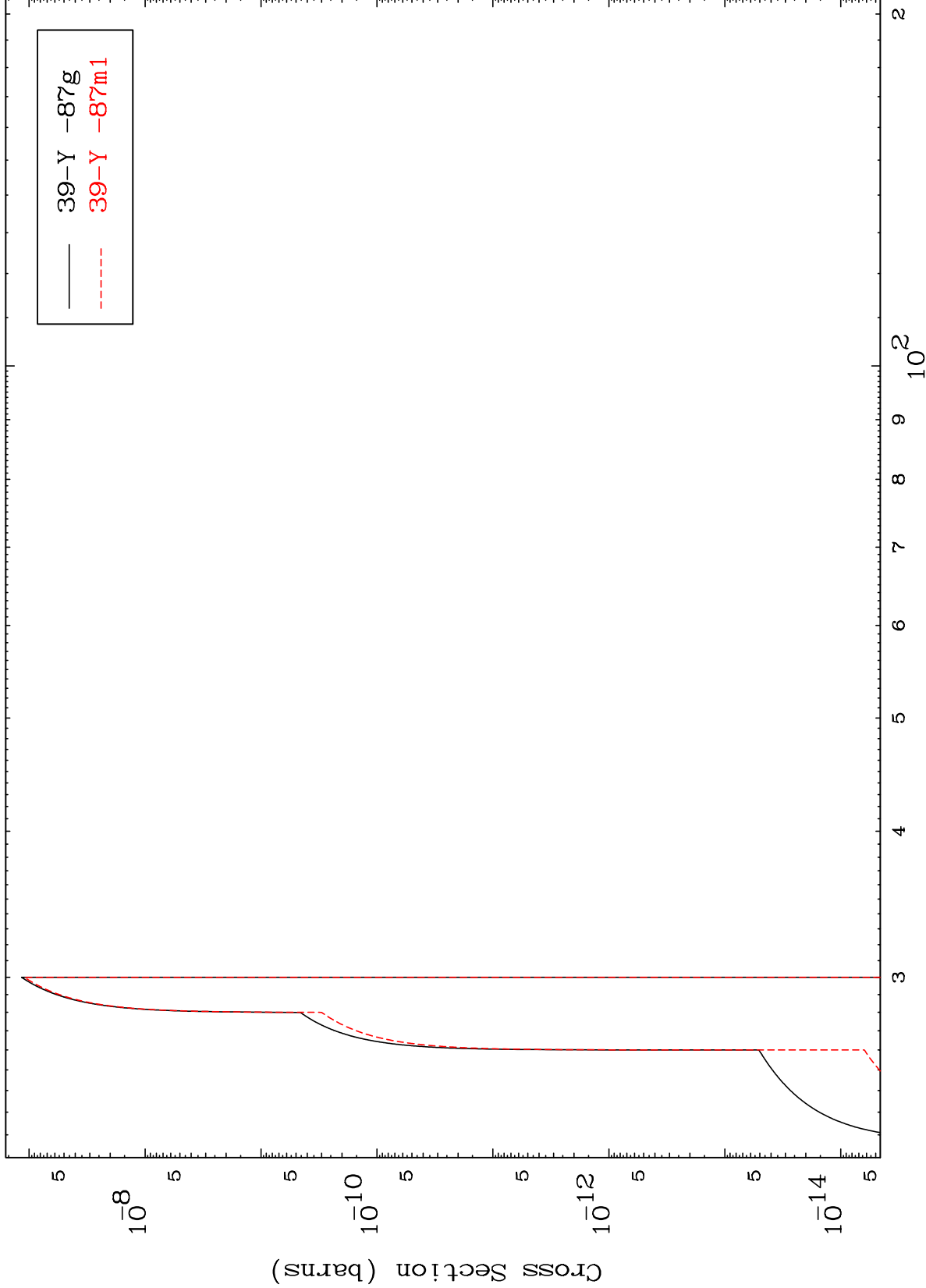


16

Incident Energy (MeV)

40-Zr-90

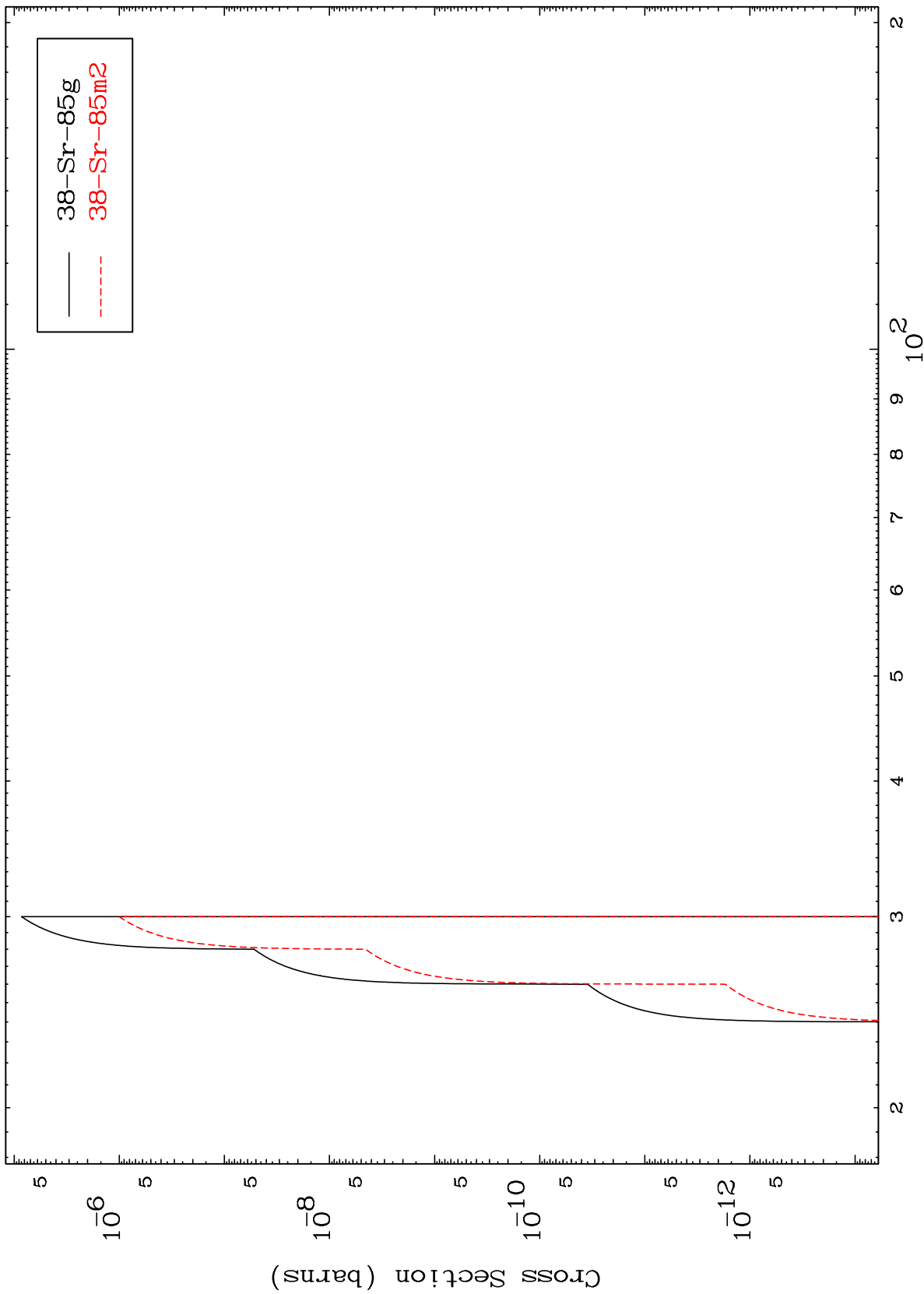
Radionuclide Production Cross Section



MAT 4025

40-Zr-90

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



18

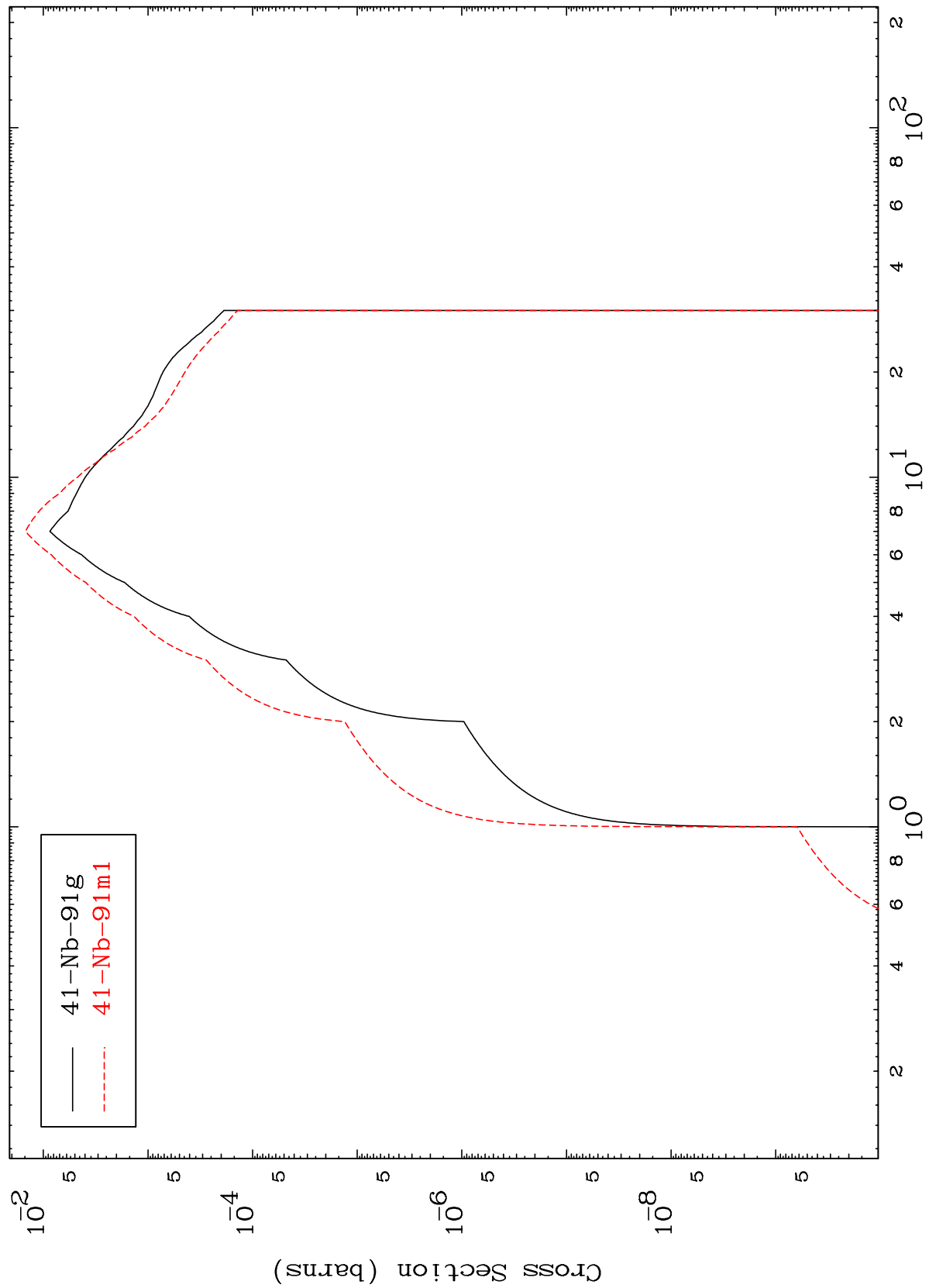
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section  
(n,  $\gamma$ )

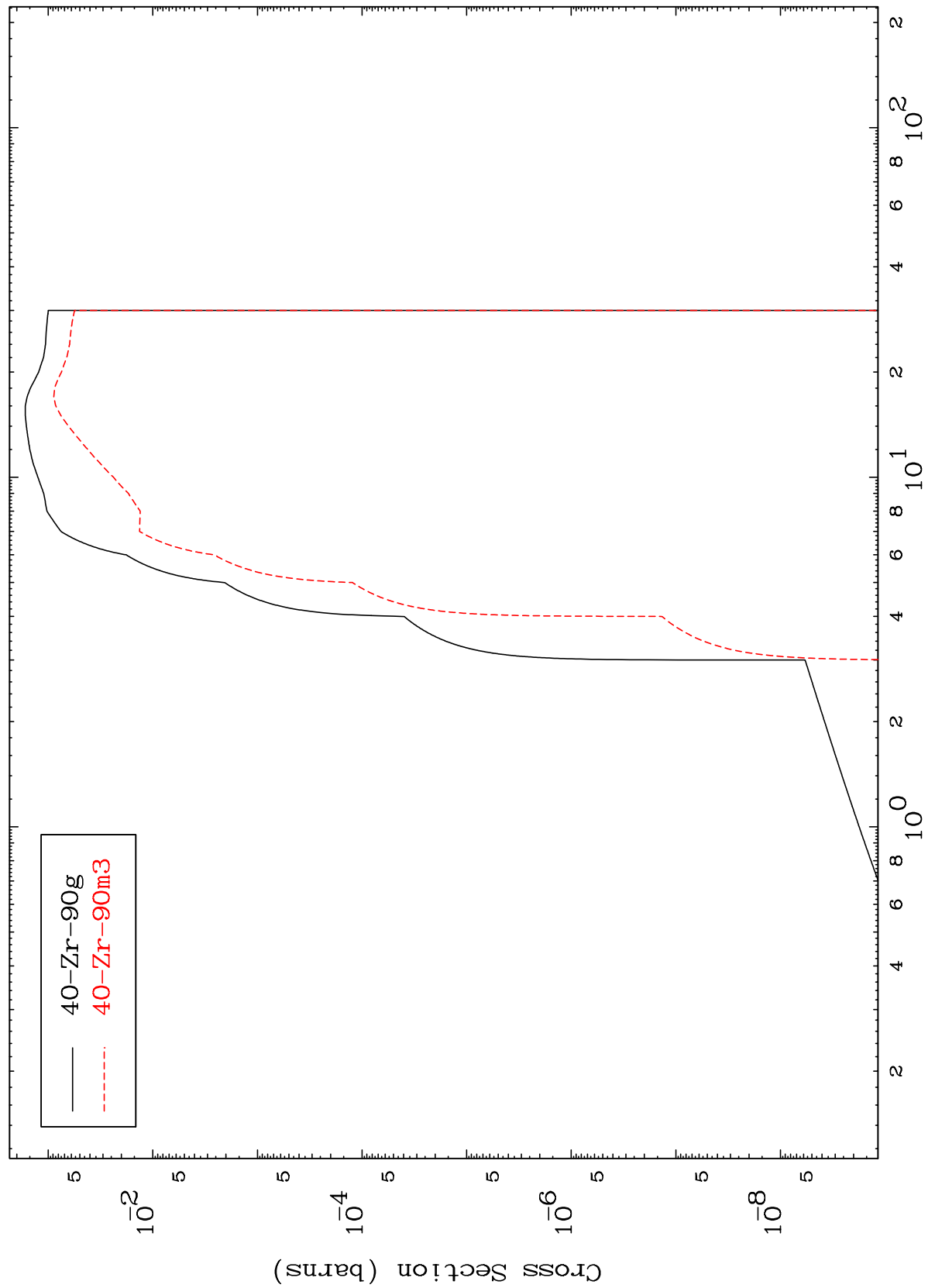


— 41-Nb-91g  
- - - 41-Nb-91m1

MAT 4025

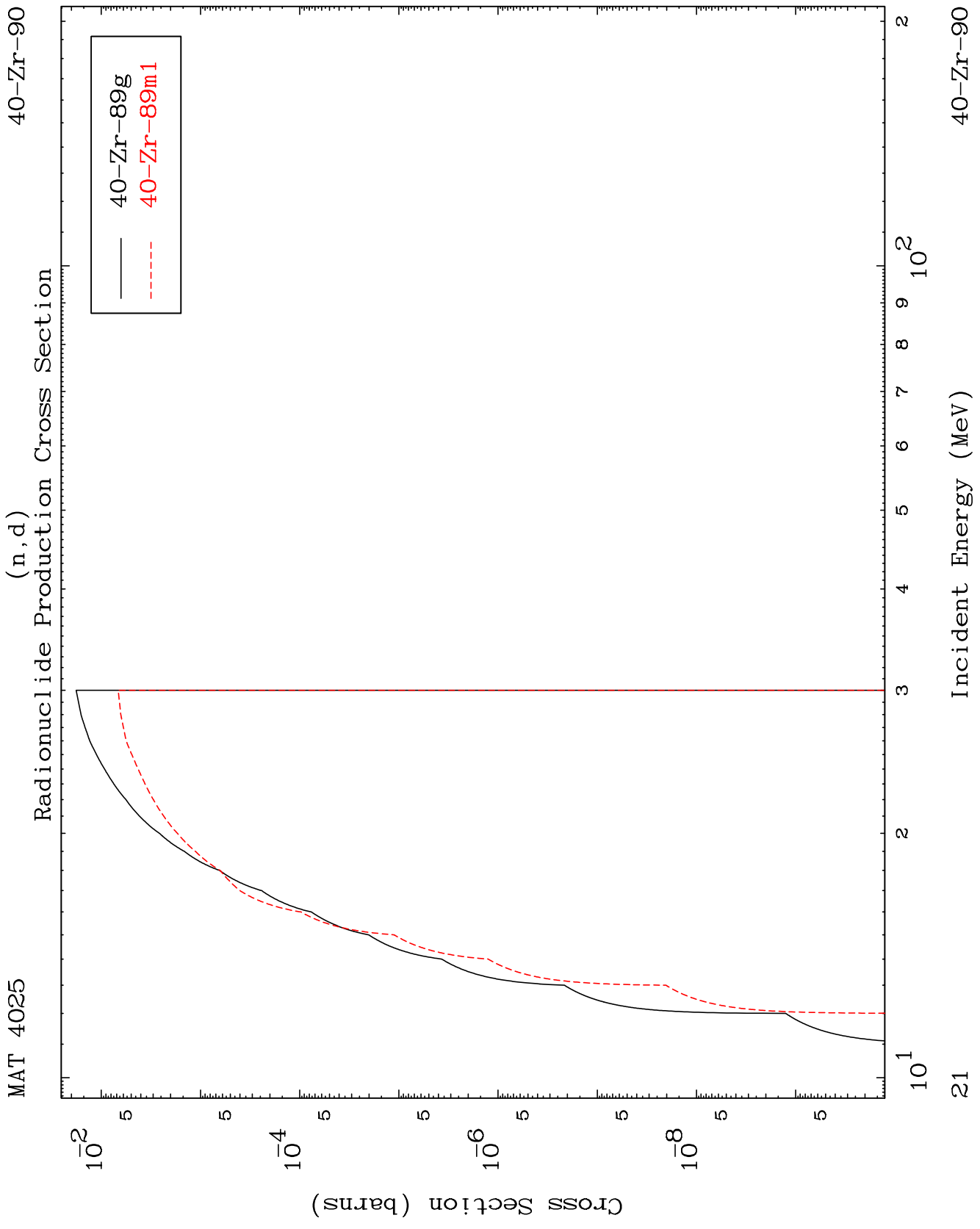
40-Zr-90

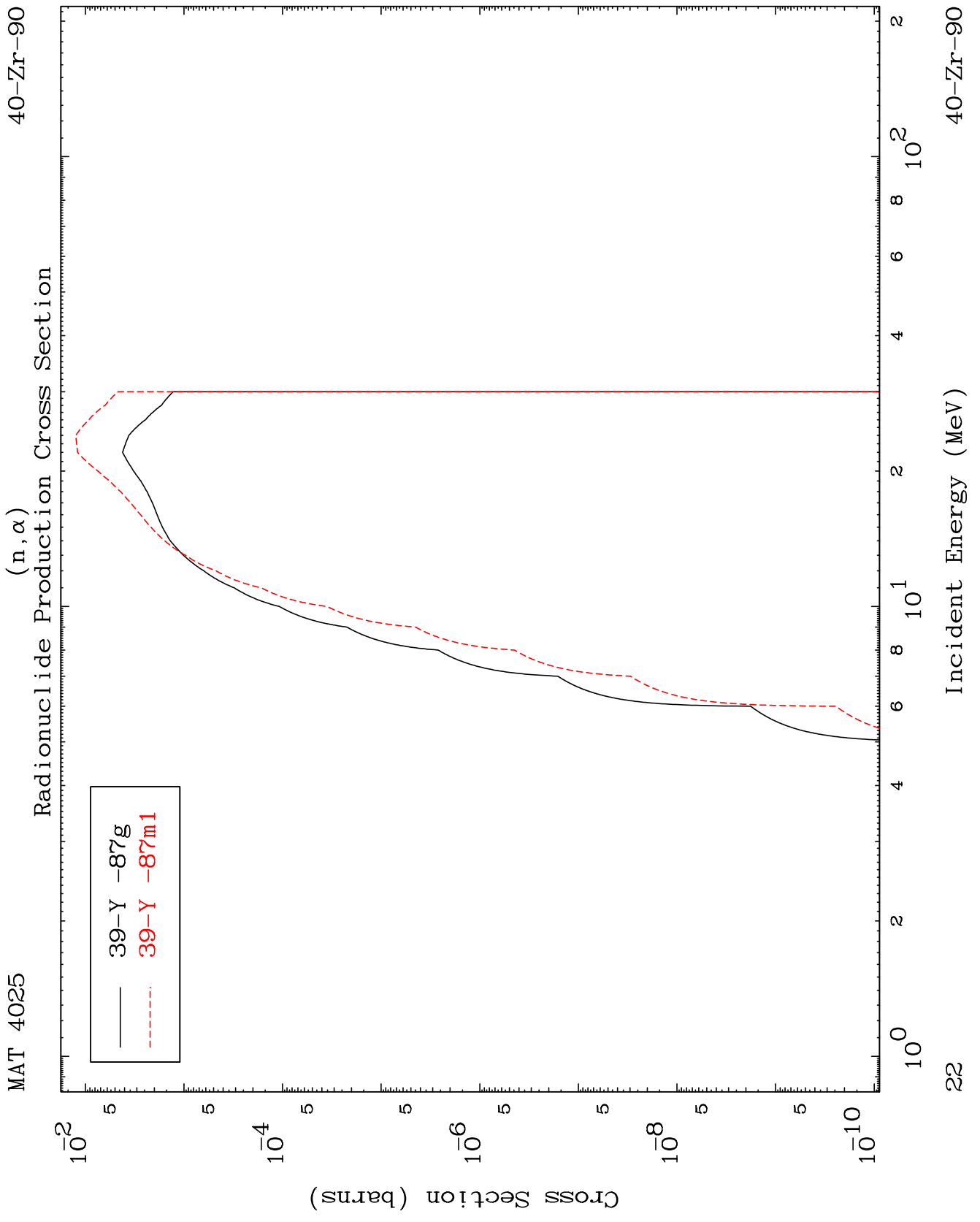
(n,p)  
Radionuclide Production Cross Section



20

40-Zr-90

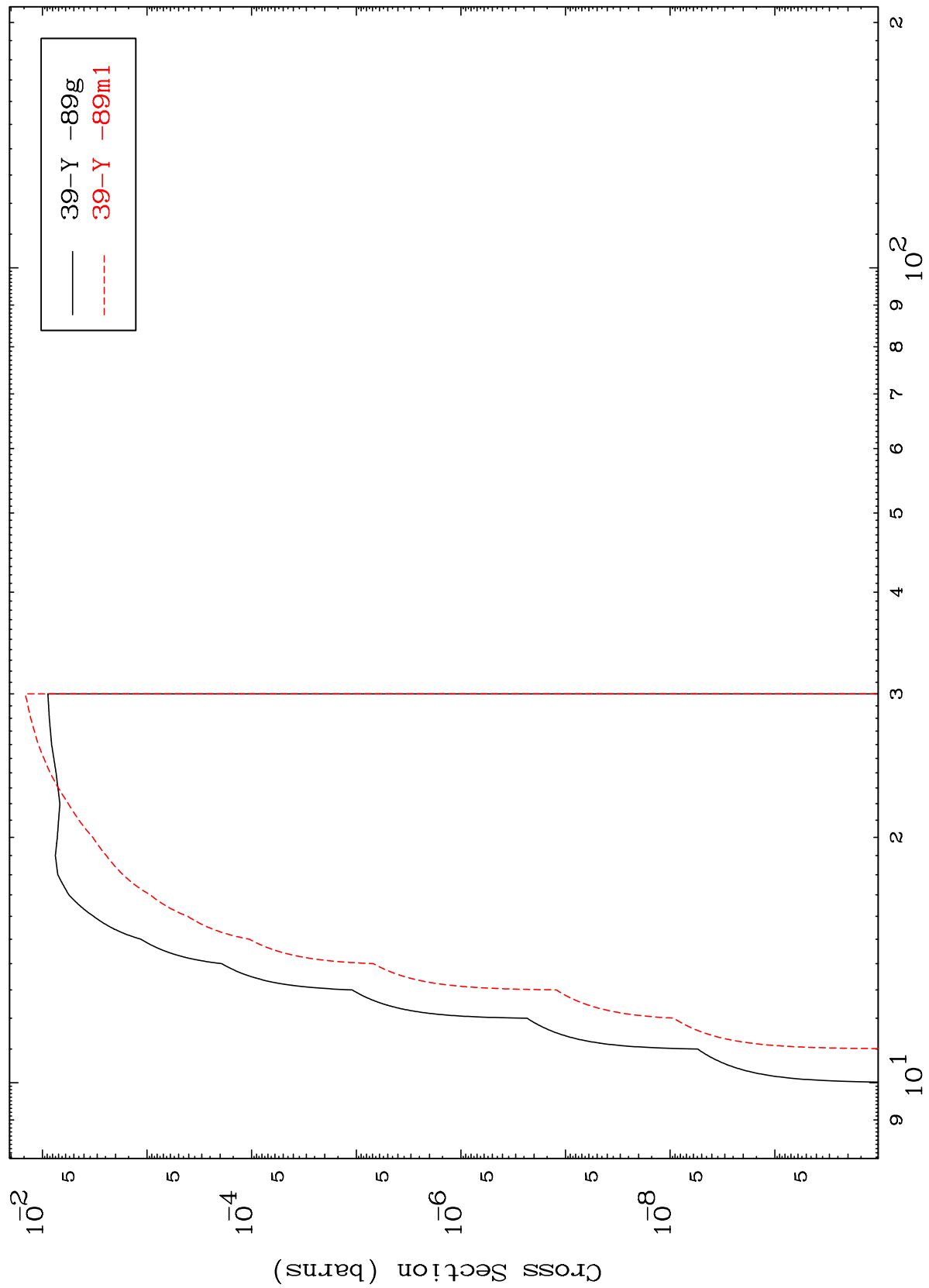




MAT 4025

40-Zr-90

(n,2p)  
Radionuclide Production Cross Section



39-Y -89g  
39-Y -89m1

23

Incident Energy (MeV)

40-Zr-90

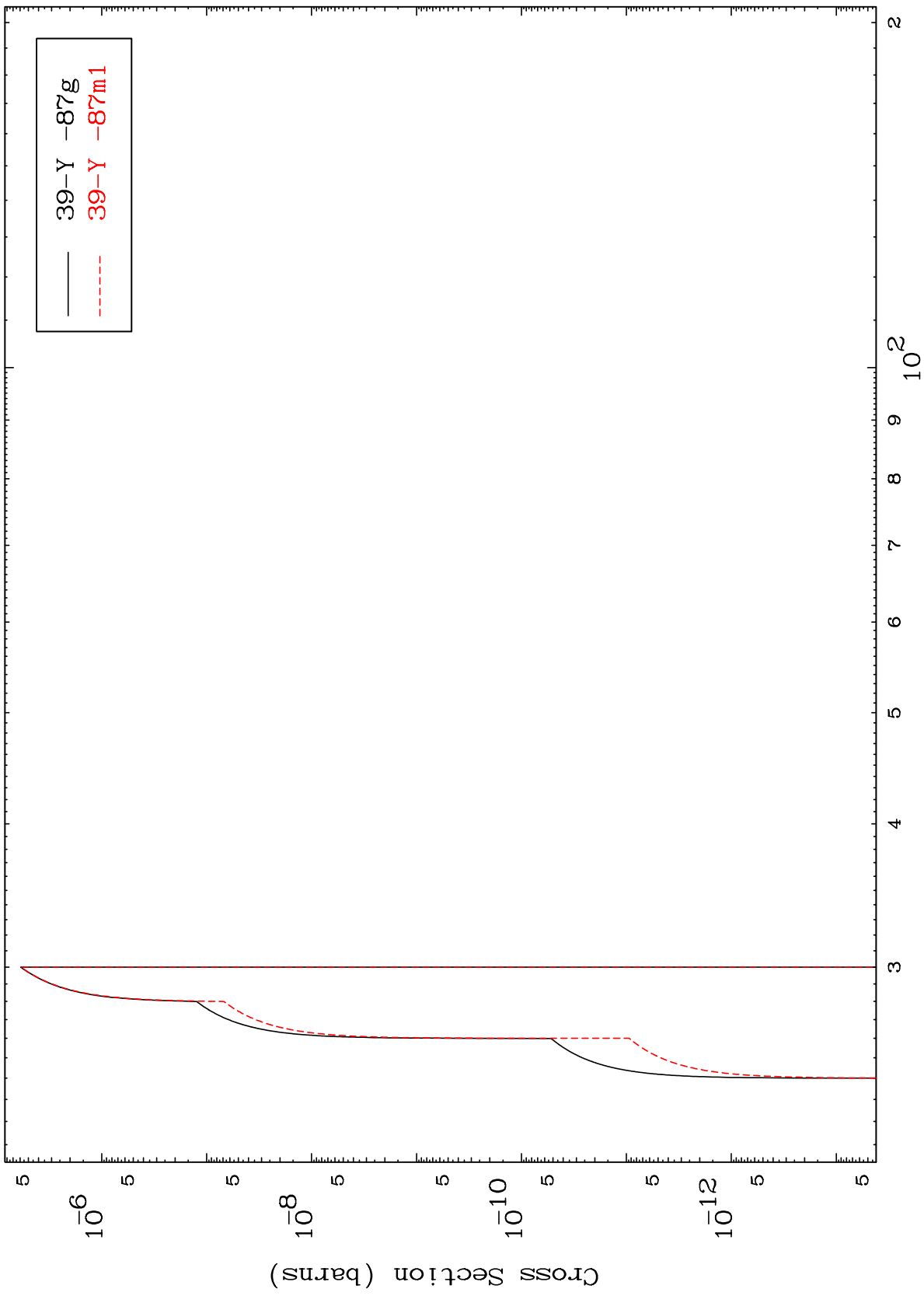


MAT 4025

(n,p) t

40-Zr-90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

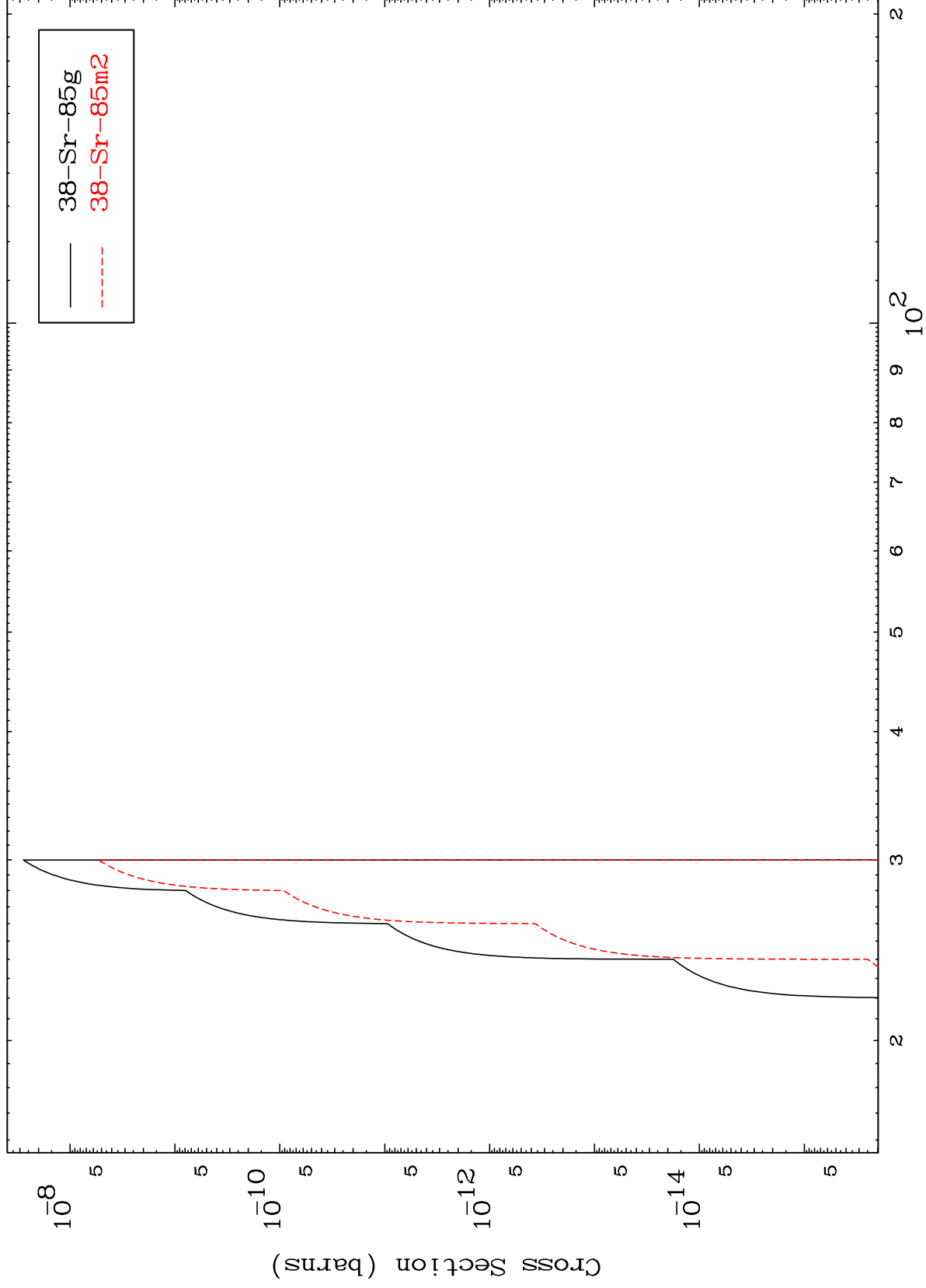
40-Zr-90

MAT 4025

(n,d)  $\alpha$

40-Zr-90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

40-Zr-90